

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven T. Kanefsky
Application No. : 09/855,117
Filed : May 14, 2001
For : METHODS AND SYSTEMS FOR SEARCHING AND
MANAGING INFORMATION ON WIRELESS DATA DEVICES

Examiner : Karen C. Tang
Art Unit : 2151
Docket No. : 83531-504
Date : November 17, 2008

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

DO NOT ENTER: /K.T./

INTRODUCTORY COMMENTS

In response to the Office Action dated September 17, 2008, please amend the application as shown on the following pages:

AMENDMENT TO THE CLAIMS

Please amend claims 1,5,10, and 18 to read as follows:

1. (Currently Amended) A method for searching for a folder comprising:
sending, from a remote server to a wireless device, a command file comprising instructions to assign command functions to controls on the wireless device;
receiving, at ~~a~~the remote server, one or more initial search parameters from ~~a~~the wireless device, the one or more initial parameters different from a menu navigation command of the wireless device;
activating a script in the remote server in response to the receipt of the one or more initial search parameters, wherein activating includes sending one or more queries to the wireless device;
receiving a further search parameter from the wireless device in response to the one or more queries;
identifying a folder based on the one or more initial search parameters and the further search parameter obtained responsive to the one or more queries, wherein the identified folder is part of a preexisting deck maintained by said remote server; and
communicating the identified folder to said wireless device for performing a menu navigation to the identified folder.
2. (Previously Presented) The method of claim 1, wherein the script is associated with a navigation command, each of the one or more queries associated with the one or more initial search parameters.
3. (Canceled)

4. (Previously Presented) The method of claim 2, wherein the script further includes one or more operations that performs one of facilitating a purchase based on the one or more queries, facilitating a reservation based on the query and placing a phone call based on the query.

5. (Currently Amended) A method for searching for a folder or an item comprising:

sending, from a remote server to a wireless device, a command file comprising instructions to assign command functions to controls on the wireless device;

receiving, at ~~a~~the remote server, one or more initial search parameters from ~~a~~the wireless device, the one or more initial parameters different from a menu navigation command of the wireless device;

activating a script in the remote server in response to the receipt of the one or more initial search parameters, wherein activating the script includes sending one or more queries to the wireless device;

receiving a further search parameter from the wireless device in response to the one or more queries;

identifying a selection of a plurality of folders and/or a plurality of items based on the one or more initial search parameters and the further search parameter, each of the plurality of folders and items being part of a preexisting deck maintained by said remote server; and

communicating a second menu to the wireless device based on the identified selection operation.

6. (Previously Presented) The method of claim 5, wherein the second menu is a flat menu that includes two or more identified items.

7. (Previously Presented) The method of claim 6, wherein the second menu includes at least one text message that contains at least one of the one or more initial search parameters.

8. (Previously Presented) The method of claim 6, wherein the script is associated with a navigation command, each of the one or more queries associated with the one or more initial search parameters.

9. (Previously Presented) The method of claim 5, wherein the second menu is a hierarchical menu that includes two or more identified folders.

10. (Currently Amended) A remote server for searching a database for a folder or item to send to a wireless device, comprising:

a controller configured to send a command file comprising instructions to assign command functions to controls on the wireless device;

an interface configured to receive one or more initial search parameters from the wireless device, the one or more initial search parameters different from a menu navigation command of the wireless device;

a script processor configured to activate a script in response to the receipt of the initial search parameters;

the script processor further configured to send one or more queries required by the script to wireless device via the interface;

the interface further configured to receive from the wireless device a further search parameter responsive to the one or more queries;

a search engine that performs a search operation of the database based on the one or more initial search parameters and the further search parameter, the search operation identifying at least one folder and/or at least one item, the at least one folder and at least one item each being part of a preexisting deck maintained by the database; and

a managing device that provides information to the wireless device based on the search operation, wherein the information provided includes one of the at least one identified folder and/or the at least one identified item or a portion of a second menu provided for display on the wireless device.

11. (Previously Presented) The device of claim 10, wherein the information provided to the wireless device includes the at least one identified folder and/or the at least one identified item.

12. (Previously Presented) The device of claim 10, wherein the information provided to the wireless device displays a portion of the second menu.

13. (Previously Presented) The device of claim 12, wherein the second menu is a flat menu that includes two or more identified items.

14. (Previously Presented) The device of claim 12, wherein the second menu is a hierarchical menu that includes two or more identified folders.

15. (Previously Presented) The device of claim 12, wherein the second menu includes at least one text message that contains at least one of the one or more initial search parameters.

16. (Canceled)

17. (Previously Presented) A device of claim 10, wherein the script processor accesses information relating to an external network in response to the script.

18. (Currently Amended) A method for a remote server to provide information folders to a wireless device, comprising:

sending a command file comprising instructions to assign command functions to controls on the wireless device;

receiving a request from the wireless device for a folder, the folder containing items, wherein items include files, links and subordinate folders;

if the request includes a navigational command, then executing the navigational command to identify the folder;

if the request includes a search parameter and the search parameter is associated with a script, then activating the script;

if the script was activated and the script specifies a query, then sending the query to the wireless device;

if the query was sent to the wireless device, then receiving any additional search parameter from the wireless device responsive to the query;

if the request includes the search parameter, then searching a database for items based on the search parameter and any additional search parameter;

if the database was searched, then selecting the folder based on items found in searching the database; and

sending the selected folder to the wireless device.

19. (Previously Presented) The method of Claim 1, wherein selecting a folder further comprises selecting a folder found in searching the database that contains all other items found in searching the database.

20. (Previously Presented) The method of Claim 1, wherein selecting a folder further comprises creating a folder to contain all items found in searching the database and selecting the created folder.

21. (Previously Presented) The method of Claim 1, wherein selecting a folder further comprises selecting a folder found in searching the database that contains a plurality of items found in searching the database.

22. (Previously Presented) The method of Claim 1, wherein selecting a folder further comprises creating a folder to contain a plurality of items found in searching the database and selecting the created folder.

23. (Previously Presented) The method of Claim 1, wherein the queries sent to the wireless device are text or voice messages that include a request for a user of the wireless device to enter a keyword selected by the user in response to the query.

REMARKS

The present amendment is in response to the Office Action dated September 17, 2008. Claims 1, 2, 4-15, and 17-23 are now present in this case. Claims 1,5,10, and 18 are amended.

The applicant thanks the examiner for the telephonic interview the applicant's attorneys on October 8, 2008. The applicants have amended the claims in accordance with the Examiner's suggestions.

Rejections under § 103(a) – Chan / Foulger

Claims 1, 2, 5-15, 17-19, and 21 stand rejected under 35 U.S.C. § 103(a) as unpatentable by U.S. Patent No. 6,760,759 to Chan combined with U.S. Patent No. 2006/0129536 to Foulger. The applicants respectfully traverse this rejection and request reconsideration.

The applicants believe these rejections are overcome because these claims have been amended to have at an element not taught by the cited references alone or in combination, specifically: "send[ing] a command file comprising instructions to assign command functions to controls on the wireless device." Support for this amendment may be found in the application, as originally filed in paragraph [0030] on page 6. For at least this reason, the applicants believe these rejections are overcome.

Rejections under § 103(a) – Chan / Foulger / Himmelstein

Claim 4 is rejected under 35 U.S.C. § 103(a) as unpatentable by U.S. Patent No. 6,760,759 to Chan combined with U.S. Patent No. 2006/0129536 to Foulger and U.S. Patent No. 2007/0203896 to Himmelstein. The applicants respectfully traverse this rejection and request reconsideration.

The applicants believe these rejections are overcome because these claims have been amended to have at an element not taught by the cited references alone or in combination, specifically: "send[ing] a command file comprising instructions

to assign command functions to controls on the wireless device.” For at least this reason, the applicants believe these rejections are overcome.

Rejections under § 103(a) – Chan / Foulger / Elsey

Claims 20 and 22 are rejected under 35 U.S.C. § 103(a) as unpatentable by U.S. Patent No. 6,760,759 to Chan combined with U.S. Patent No. 2006/0129536 to Foulger and U.S. Patent No. 2005/0002510 to Elsey. The applicants respectfully traverse this rejection and request reconsideration.

The applicants believe these rejections are overcome because these claims have been amended to have at an element not taught by the cited references alone or in combination, specifically: “send[ing] a command file comprising instructions to assign command functions to controls on the wireless device.” For at least this reason, the applicants believe these rejections are overcome.

Conclusion

In view of the above amendments and remarks, reconsideration of the subject application and its allowance are kindly requested. The applicant has made a good faith effort to place all claims in condition for allowance. If questions remain regarding the present application, the Examiner is invited to contact the undersigned at (206) 757-8203.

Respectfully submitted,
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